

Converting Colors

HunterLab(48.9654, 44.5834,
30.9528)

Have a look what the booklet for
HunterLab(48.9654, 44.5834,
30.9528) contains.

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Color

**HunterLab(48.9654, 44.5834,
30.9528)**

Conversions

Conversions Part 1

Format	Color
Hex	E45B00
RGB	228, 91, 0
RGB Percent	89%, 36%, 0%
CMY	0.1059, 0.6431, 1.0000
CMYK	0.00, 0.60, 1.00, 0.11
HSL	24°, 100%, 45%
HSV	24°, 100%, 89%
XYZ	35.7359, 23.9761, 2.7443
YIQ	121.5890, 110.8630, 0.7430

Conversions

Conversions Part 2

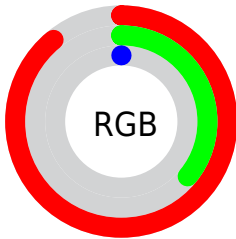
Format	Color
RYB	228, 151, 0
Decimal	14965504
CIELab	56.07, 50.25, 65.61
CIELCh	56, 82.642, 52.550
Yxy	23.9775, 0.5722, 0.3839
Android (android.graphics.Color)	4293155584 (0xFFE45B00)
YUV	121.5890, -59.9434, 93.3224
Hunter-Lab	48.9654, 44.5834, 30.9528

Details

The HunterLab color **48.9654, 44.5834, 30.9528** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **48.4676, -0.3025, -59.9270**, and the grayscale version is **44.1526, -2.3559, 2.3989**.

A 20% lighter version of the original color is **64.7155, 30.9778, 35.9759**, and **30.1572, 41.4010, 19.3075** is the 20% darker color. If you saturate the color by 10%, you get **48.9664, 44.5801, 30.9533**, and if you desaturate by 10%, it is **51.5739, 38.3902, 31.5316**.

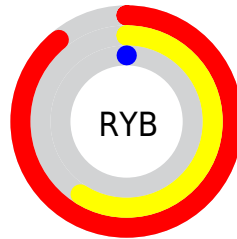
Distribution



Red (89%)

Green (36%)

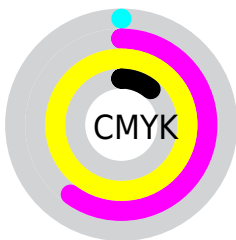
Blue (0%)



Red (89%)

Yellow (59%)

Blue (0%)

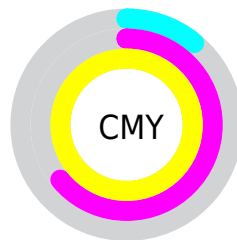


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9654, 44.5834, 30.9528 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 48.9654, 44.5834, 30.9528 by changing the saturation by 10% instead.

48.9654, 44.5834,
30.9528

48.9654, 44.5834,
30.9528

165.1383, 56.0983,
67.8313

39.1368, 42.7964,
25.9326

70.7060, 47.8107,
40.2772

30.0701, 40.9120,
21.0491

82.5334, 49.2653,
44.6293

21.8373, 38.9648,
15.2861

94.9553, 50.6200,
48.8100

14.5333, 37.0828,
10.1733

107.9446, 51.8810,
52.8419

8.1943, 36.5348,
5.7360

121.4775, 53.0541,
56.7447


0.0000, INF, NaN

0.0000, NaN, NaN


135.5329, 54.1447,


60.5348


0.0000, NaN, NaN


 150.0921, 55.1580,
64.2264


0.0000, NaN, NaN


 48.9654, 44.5834,
30.9528


 48.9654, 44.5834,
30.9528


 48.9664, 44.5801,
30.9533

 51.5739, 38.3902,
31.5316

 54.5353, 32.2357,
31.4029

 57.8338, 26.3098,
30.4246

 61.4415, 20.7149,
28.6272

 65.3293, 15.5057,
26.0782

■ 69.4693, 10.7019,
22.8581

■ 73.8361, 6.3005,
19.0479

■ 78.4068, 2.2838,
14.7228

■ 83.1610, -1.3735,
9.9492

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9668, 74.9023, 21.2093



48.9654, 44.5834, 30.9528



48.9668, 6.2823, 33.0290

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.9668, 44.5791, 30.9534



48.9668, -52.5440, 10.1590



48.9668, 25.4955, -98.7003

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.9654, 44.5834, 30.9528



48.4676, -0.3025, -59.9270

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.9668, -10.9199, -110.1958



48.9654, 44.5834, 30.9528



48.9668, -50.0392, -28.2183

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.9668, 44.5791, 30.9534



48.9668, -44.9204, 27.5993



48.9668, -36.7641, -78.5059



48.9668, 61.9265, -53.2936

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.9654, 44.5834, 30.9528



48.9668, -16.2065, 32.9125



48.9668, -36.7641, -78.5059



48.9668, 12.6416, -107.5283

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.9668, 44.5791, 30.9534



83.7333, 7.2424, 21.7121



42.9012, 77.9239, -6.8112



37.7530, 4.3077, 10.9270

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.9668, 44.5791, 30.9534



55.4259, 51.0522, 35.0469



76.4550, -10.1162, 46.9340



39.1246, -0.7321, 4.5400



37.4999, 33.1176, 23.6870



11.0309, 6.9387, 6.9186

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



48.4676, -0.3025, -59.9270



54.8391, -0.0227, -68.4952



25.2333, 57.6108, -155.9041



39.1413, -3.2858, -0.3937



37.1515, -0.7763, -44.7602



10.9565, -1.6073, -10.2251

Previews

White Background



This preview shows how the HunterLab color 48.9654, 44.5834, 30.9528 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 48.9654, 44.5834, 30.9528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 48.9654, 44.5834, 30.9528 Background



This preview shows how black text looks on a background with the HunterLab color 48.9654, 44.5834, 30.9528.



This preview shows how white text looks on a background with the HunterLab color 48.9654, 44.5834,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.9654, 44.5834, 30.9528

Protanopia

49.0523, -6.6659, 29.1916

Deuteranopia

48.9739, 2.8525, 30.2274



Tritanopia

49.0491, 51.4607, 19.4323

Trichromacy



Original Color

48.9654, 44.5834, 30.9528

Protanomaly

47.8839, 11.2557, 29.1884

Deuteranomaly

48.3092, 17.5006, 30.0743

Tritanomaly

48.7543, 48.1672, 26.1780

Monochromacy



Original Color

48.9654, 44.5834, 30.9528

Achromatopsia

44.1155, -2.3539, 2.3969

Achromatomaly

44.1543, 10.6879, 17.7163

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9654, 44.5834, 30.9528 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(228, 91, 0)` looks like.

```
.text, #text, p{  
    color:rgb(228, 91, 0)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(228, 91, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 91, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9654, 44.5834, 30.9528 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(228, 91, 0) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(228, 91, 0) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(228, 91, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 91, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 91, 0);  
box-shadow:4px 4px 4px 4px rgb(228, 91, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 48.9654, 44.5834, 30.9528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 91, 0) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(228, 91,  
0) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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